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(54) Title: **METHOD FOR DIAGNOSING CHRONIC MYELOID LEUKEMIA**

(57) Abstract: Objective methods for detecting and diagnosing Chronic myeloid leukemia (CML) are described herein. In one embodiment, the diagnostic method involves the determining a expression level of CML-associated gene that discriminate between CML and normal cell. The present invention further provides methods of screening for therapeutic agents useful in the treatment of CML, methods of treating CML and method of vaccinating a subject against CML.

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